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SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Application Number 10/814,539

Filing Date 03-31-2004

First Named Inventor David M. Callaghan

Art Unit 2144

Examiner Name Unknown

(Use as many sheets as necessary)

Sheet I of 2 Attorney Docket Number 03AB111/ALBRP333US

			U. S. PATENT		·
xaminer nitials*	Cite No.1	Occument Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/C.K./		US- 2003/145221 A1	07-31-2003	Atzmueller, et al.	
C.K./		US- 2004/168053 A1	08-26-2004	Kaszkin, et al.	
C.K./	-	US- 2005/021705 A1	01-27-2005	Jurisch	
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	FOREIGN PATENT DOCUMENTS						
Examiner   Cite   No.1	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	١.		
	Country Code <sup>3</sup> 'Number <sup>4</sup> 'Kind Code <sup>8</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T°		
/C.K./		EP 0813121 A2	12-17-1997	IBM Corporation			
/C.K./		WO 02095506 A2	11-28-2002	Siemens	·		
		DE 10200681 A1	07-31-2003	Siemens			
/C.K./		WO 03036400 A	05-01-2003	Siemens			
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First Named Inv.

Art Unit

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(Use as many sheets as necessary)

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Sheet

	Complete If Known	
Application Number	10/814,539	
Filing Date	03-31-2004	
First Named Inventor	David M. Callaghan	
Art Unit	2144	
Examiner Name	Unknown	
Attorney Docket Number	03AB111/ALBRP333US	

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
/C.K./		PARK, et al. "RBAC on the Web by Smart Certificates" (1999) Proceedings of the 4th ACM Workshop on Role-Based Access Control, Fairfax, VA, October 28-29, 1999, pages 1-9.				
/C.K./	,	NIKANDER, et al. "Policy and Trust in Open Multi-Operator Networks" (2000) Telecommunication Network Intelligence on Intelligence in Networks, Kluwer Academic Publishers, Norwell, MA, pages 419-436.				
/C.K./		European search report dated October 20, 2005 and mailed November 21, 2005 for European Patent Application Serial No. 05006916, 5 pages.				
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			U.S. PATENT	DOCUMENTS	
Examiner Inilials*	Cile No.	Document Number  Nymber-Kind Code <sup>2</sup> (Finner)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/C.K.	/	US* 6,961,763	11-01-2005	Wang et al.	
		US- 6,961,633	11-01-2005	Marbuch et al.	
		US- 6,993,508	01-31-2006	Major et al.	
		US- 6,084.859	07-14-2000	Ratcliffet sl.	
		US- 5,513,095	04-30-1996	Pajonk	
		US- 6,959,290	10-25-2005	Stefik et al.	
		US- 6,396,928	05-28-2002	Zhang	
10010000117		US- 5,781,633	07-14-1998	Tribble et al.	
$\neg \neg$		US- 20040107345	06-03-2004	Bandt et al.	
/C.K.	<i>T</i>	US- 20040249922	12-09-2004	Hackman et al.	
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Complete if Known				
Application Number	10/814,539			
Filing Date	03-31-2004			
First Named Inventor	David M. Callaghan			
Art Unit	2144			
Examiner Name				
Attorney Docket Number	02 A D 1 1 1 / A I DD D 2 2 2 1 I C			

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			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/C.K./		US- 2003/145221 A1	07-31-2003	Atzmueller Clemens, et al.	
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Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>©</sup>	
/C.K./		EP 0813132 A	12-17-1997	ІВМ Согр.	***************************************		
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Examiner		Date	
Signature	/Cordelia Kane/	Considered	02/04/2008

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NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	<b>T</b> 2			
/C.K./		European Search Report dated November 21, 2005, mailed November 22, 2005 for European Patent Application Serial Number 05006916, 5 pages.				
/C.K./		PARK, et al. "RBAC on the Web by Smart Certificates." Proceedings of the 4th ACM Workshop on Role-Based Access control. Fairfax, Virginia. (October 28-29, 1999) pages 1-9.				
/C.K./		NIKANDER, et al. "Policy and Trust in Open Multi-Operator Networks." Sixth International Conference of Intelligence in Networks. Norwell, Massachusettes. (2000) pages 419-436.				
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